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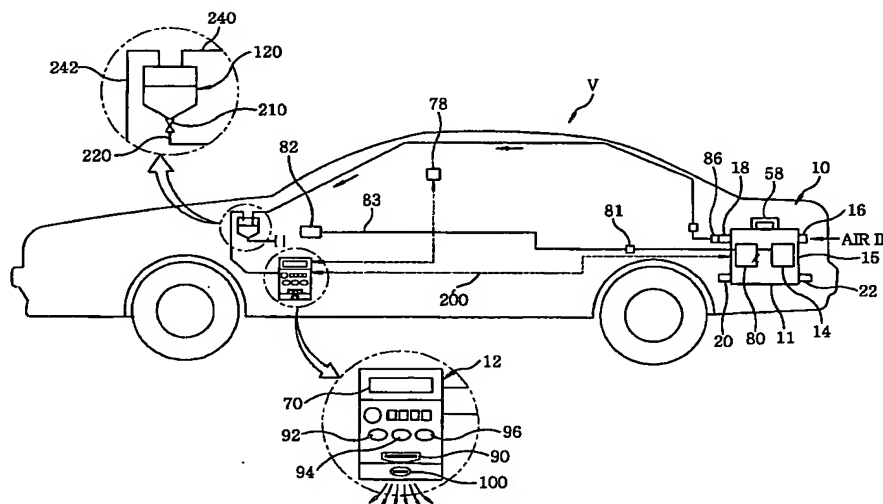
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(54) Title: **OXYGEN-RICH GAS SUPPLYING APPARATUS PROVIDED WITH A CONDENSATE REMOVAL UNIT**



(57) Abstract: An apparatus for supplying an oxygen-rich gas includes an oxygen-rich gas generating device for generating an oxygen-rich gas; and a condensate removal unit for removing condensates occurring in a transfer line from the oxygen-rich gas. The condensate removal unit has an inlet, an outlet and a drain port and the transfer line is connected to the inlet of the condensate removal unit. The drain port is closed by a solenoid valve which is selectively opened to discharge condensates collected in the condensate removal unit by an electric power applied thereto. A controller controls operations of the oxygen-rich gas generating device and the solenoid valve. The condensate removal unit contains a moisture filter for filtering off moisture in the oxygen-rich gas in a flowing path of the oxygen-rich gas. The moisture filter is formed with a multiplicity of pores by sintering polyethylene powder.